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**BASIC IMAGERY
INTERPRETATION
REPORT**

MOSKVA AIRCRAFT INSTRUMENTS PLANT 122

**STRATEGIC WEAPONS INDUSTRIAL FACILITIES
U S S R**

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INSTALLATION OR ACTIVITY NAME

COUNTRY

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Moskva Aircraft Instruments Plant 122

UR

UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

55-44-30N 037-31-15

MAP REFERENCE

ACIC. USATC, Series 200, Sheet 0167-5, scale 1:200,000

LATEST IMAGERY USED

NEGATION DATE (if required)

NA

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ABSTRACT

1. Moskva Aircraft Instruments Plant 122 is reported to be producing navigation and stabilization controls for aircraft and missiles. The plant contains 45 buildings, including 10 major engineering laboratory structures.

2. This report includes a location map, an annotated photograph, a line drawing, and mensural data.

INTRODUCTION

3. Moskva Aircraft Instruments Plant 122 (Figure 1) is located on Kutuzovskiy Avenue in the city of Moscow. The plant is approximately 2.0 nautical miles southeast of Moscow Airframe Plant Fili 23 [REDACTED]. The largest concentration of Soviet aerospace industry installations is in the Moscow area. The major aerospace installations in the general vicinity of Moscow have been listed in an NPIC report of February 1968,¹ and several of these could be associated with Plant 122.

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BASIC DESCRIPTION

4. Plant 122 contains 45 buildings, including 10 engineering laboratory buildings, six shops, 13 warehouses, 12 utility buildings, two vehicle maintenance buildings, and two security buildings (Figures 1 and 2). As of [REDACTED] the total floorspace of Plant 122 was approximately 119,694 square meters (1,288,375 square feet). However, the limited large-scale photographic coverage available and the overall poor interpretability of the small-scale coverage preclude determination of the exact physical limits of Plant 122.

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5. Production activity at Plant 122 cannot as yet be determined from [REDACTED] coverage. It is reported, however, that the plant produces aircraft and missile stabilization and control assemblies such as automatic pilots, amplifiers, and electrically driven gyrocompasses.²

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6. Two major highways provide the primary transportation services to Plant 122. Although a rail spur does not enter the plant, rail facilities are available along the north and east boundaries.

7. Plant 122 is secured by a combination of wall and fence. All vehicular and pedestrian traffic is controlled by secured entrances. Two laboratory engineering buildings (items 9 and 10) are separately secured by an additional wall.

Chronology

1942-61

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8. [REDACTED] showed that Plant 122 consisted of 14 major buildings and 22 warehousing and utility buildings, a total of 85,110 square meters (915,278 square feet). The major buildings included five engineering laboratories (items 21, 26, 28, 32, and 34), four shops (items 25, 33, 35, and 36), four utility buildings (items 24, 27, 29, and 30), and a security building (item 31). Approximately 35 utility buildings located on the north and east sides of the plant outside the security wall were probably associated with Plant 122.

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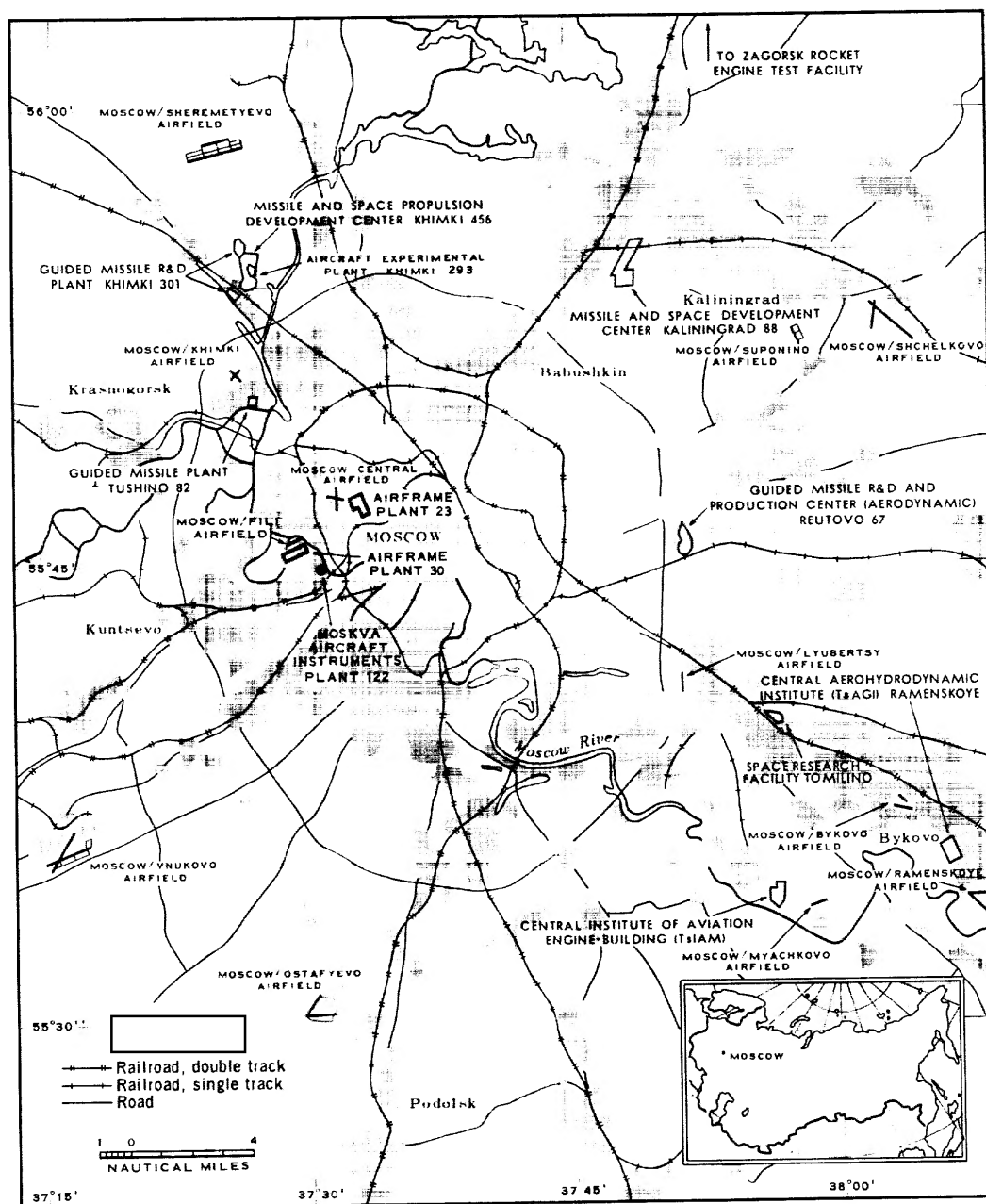


FIGURE 1. LOCATION MAP

1962-70

9. The first usable [] coverage of Plant 122, in [] showed the addition of three multistory engineering buildings (items 10, 38, and 40) and two utility buildings (37 and 39). The combined floorspace of these buildings added 23,023 square meters (247,723 square feet). Two engineering laboratories and a shop (items 7, 8, and 9), first observed under construction in [], were completed by [] providing an additional 3,812 square meters (41,008 square feet) of floorspace.

10. [] a shop building (item 23) was first observed under construction. This building has three bays and an engineering section. Coverage of [] showed this building completed, adding 7,949 square meters (84,366 square feet) of floorspace to the plant.

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Table 1. Moskva Aircraft Instruments Plant 122 (keyed to Figure 3)

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Item	Description	Dimensions meters feet			Floorspace sq m sq ft	Date First Observed**	Comments	Item	Description	Dimensions meters feet			Floorspace sq m sq ft	Date First Observed**	Comments	
		L	W	H						L	W	H				
1	Warehouse							26	Engineering lab						4 stories	
2	Warehouse							27	Utility bldg							
3	Motor pool							28	Engineering lab							3 stories
4	Motor pool							29	Utility bldg							
5	Utility bldg							30	Utility bldg							
6	Warehouse							31	Security bldg							
7	Engineering lab							32	Engineering lab							6-stories
8	Shop							a								
9	Engineering lab							b								
10	Engineering lab							33	Shop							
11	Warehouse							34	Engineering lab							
12	Warehouse							35	Shop							
13	Warehouse							36	Shop							
14	Warehouse							37	Utility bldg							
15	Warehouse							38	Engineering lab							
16	Warehouse							a								1-story section
17	Utility bldg							b								3-story section
18	Utility bldg							39	Utility bldg							
19	Warehouse							40	Engineering lab							6 stories
20	Security bldg							41	Warehouse							
21	Engineering lab							42	Warehouse							
22	Utility bldg							43	Utility bldg							
23	Shop							44	Utility bldg							
24	Utility bldg							45	Warehouse							
25	Shop															

119,694.0
1,288,375

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*Dimensions are accurate to within [] with a 99% confidence level.

**Complete when first observed unless otherwise indicated.

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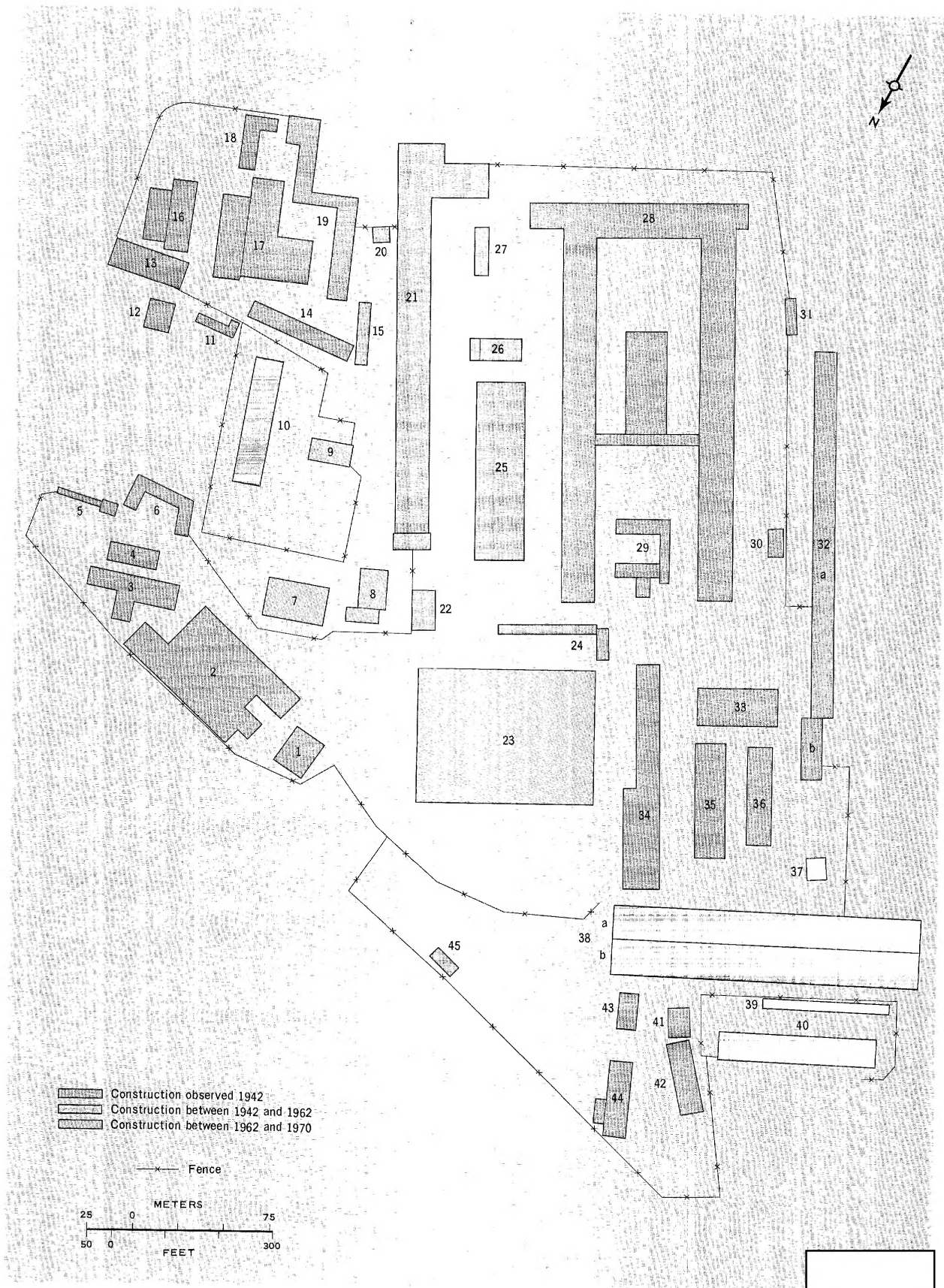


FIGURE 3. LINE DRAWING OF MOSKVA AIRCRAFT INSTRUMENTS PLANT 122

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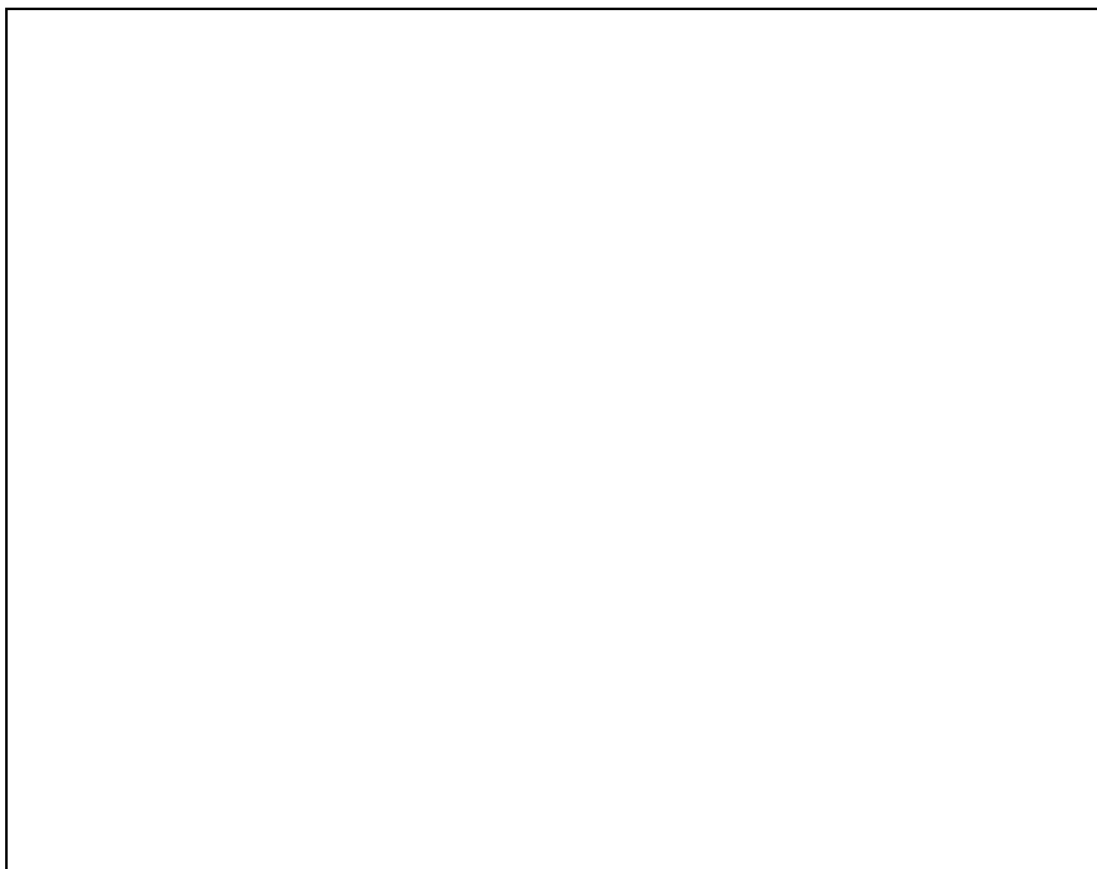
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REFERENCES



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MAPS OR CHARTS

ACIC. USATC, Series 200, Sheet 0167-5, scale 1:200,000

DOCUMENTS

1. NPIC. [redacted] Index of Aerospace Installations in the Moscow Area, Feb 68 (TOP SECRET [redacted])
2. DOD. [redacted] Information Report, Aircraft Instruments Plant 122, Jan 64 (SECRET/[redacted])

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REQUIREMENT

COMIREX J02

NPIC/IEG/SD/NIB Project 221345

*All usable [redacted] photography through [redacted] was used in compiling this report; [redacted] was used for mensuration.

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